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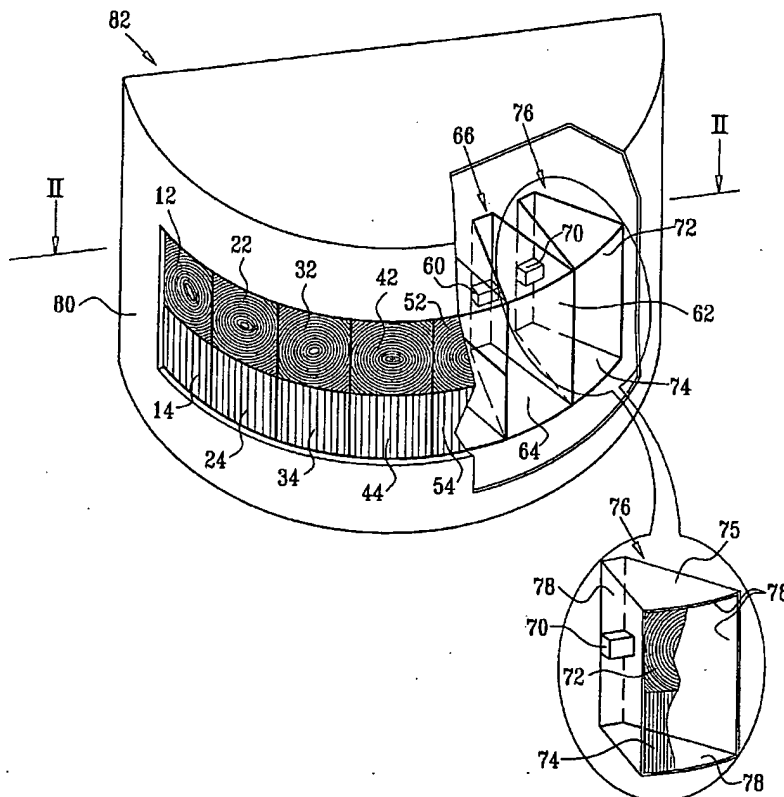
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(54) Title: PASSIVE INFRA-RED DETECTORS



(57) Abstract: A passive infra-red detector including at least three sub-detectors (16) (26) (36), each sub-detector being operative to receive infra-red radiation from a corresponding one of at least three sub fields-of-view, each sub field-of-view (87) (88) being exclusively defined by an optical element which does not define any other sub field of view, the sub fields-of-view being angled with respect to each other, adjacent ones of the sub fields-of-view being separated by a gap of no more than 30 degrees and at least one of the sub fields-of-view having at least one of the following characteristics: extending over no more than 45 degrees in azimuth; and including not more than three azimuthally distributed detection zones (1817)(1818), and signal processing circuitry, operative to receive output signals from the sub detectors (16) (26) (36) and to provide a motion detection output.

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